

WHAT IS CLAIMED IS:

1. A door seal structure for sealing between a door opening portion  
5 of a vehicle body and a door frame of a vehicle door, comprising:  
an opening weather strip provided in the door opening portion, said  
opening weather strip including a tubular seal portion which projects outwardly  
of the door opening portion;  
a glass run for guiding a door glass that is raised or lowered, said  
10 glass run being held in a glass run holding part provided along an inner  
peripheral surface of the door frame;  
the door frame having a protrusion which protrudes inwardly of said  
glass run holding part, said protrusion including a protruding wall and an inside  
wall, said protruding wall being adapted to contact and press said tubular seal  
15 portion of said opening weather strip and said inside wall being adapted to face  
a vehicle compartment when the vehicle door is closed, said inside wall of said  
protrusion having a depression which is formed near said protruding wall so as  
to extend in a longitudinal direction of said protrusion; and  
a cover member provided for covering said inside wall of said  
20 protrusion of the door frame, one end edge of said cover member being  
connected to said glass run and the other end edge of said cover member being  
seated in said depression.

2. A door seal structure for sealing between a door opening portion of  
25 a vehicle body and a door frame of a vehicle door, comprising:  
an opening weather strip provided in the door opening portion, said

opening weather strip including a tubular seal portion which projects outwardly of the door opening portion;

5 a glass run for guiding a door glass that is raised or lowered, said glass run being held in a glass run holding part provided along an inner peripheral surface of the door frame;

the door frame having a protrusion which protrudes inwardly of said glass run holding part, an inner peripheral end of said protrusion being joined to an inner side wall of said glass run holding part to define a flange, said protrusion including a protruding wall and an inside wall, said protruding wall  
10 being adapted to contact and press said tubular seal portion of said opening weather strip and said inside wall being adapted to face a vehicle compartment when the vehicle door is closed, said inside wall of said protrusion having a depression which is formed near said protruding wall so as to extend in a longitudinal direction of said protrusion; and

15 a cover member provided for covering said inside wall of said protrusion of the door frame, one end edge of said cover member covering said flange and being connected to said glass run and the other end edge of said cover member being seated in said depression.

20 3. A door seal structure for sealing between a door opening portion of a vehicle body and a door frame of a vehicle door, comprising:

an opening weather strip provided in the door opening portion, said opening weather strip including a tubular seal portion which projects outwardly of the door opening portion;

25 a glass run for guiding a door glass that is raised or lowered, said glass run being held in a glass run holding part provided along an inner

peripheral surface of the door frame;

a door weather strip for abutting and sealing the door opening portion when the vehicle door is closed, said door weather strip being held in an outer peripheral surface of the door frame;

5 the door frame having a protrusion which protrudes inwardly of said glass run holding part, said protrusion including a protruding wall and an inside wall, said protruding wall being adapted to contact and press said tubular seal portion of said opening weather strip and said inside wall being adapted to face a vehicle compartment when the vehicle door is closed, said inside wall of said  
10 protrusion having a depression which is formed near said protruding wall so as to extend in a longitudinal direction of said protrusion; and

a cover member provided for covering said inside wall of said protrusion of the door frame, one end edge of said cover member being connected to said glass run and the other end edge of said cover member being  
15 seated in said depression.

4. A door seal structure as claimed in claim 1, wherein said cover member includes a trim part which is integrally formed with one part of said inner side wall of said glass run, and a cover lip which extends inwardly from  
20 said trim part integrally with said trim part, said trim part of said cover member is connected to said glass run, and an end edge of said cover lip is seated in said depression.

5. A door seal structure as claimed in claim 2, wherein said cover  
25 member includes a trim part which is integrally formed with one part of an inner side wall of said glass run, and a cover lip which extends inwardly from said trim

part integrally with said trim part, said trim part of said cover member is connected to said glass run, and an end edge of said cover lip is seated in said depression.

5           6. A door seal structure as claimed in claim 3, wherein said cover member includes a trim part which is integrally formed with one part of an inner side wall of said glass run, and a cover lip which extends inwardly from said trim part integrally with said trim part, said trim part of said cover member is connected to said inner side wall of said glass run, and an end edge of said  
10 cover lip is accommodated in said depression.

          7. A door seal structure as claimed in claim 5, wherein said trim part is mounted on said flange, and an outer side wall of said trim part abuts and is connected to said inner side wall of said glass run.

15           8. A door seal structure as claimed in claim 1, wherein said cover member is composed of a door frame garnish which is formed separately from said glass run, and one end edge of said door frame garnish abuts and is connected to an inner side wall of said glass run, and the other end edge of said  
20 door frame garnish is seated in said depression.

          9. A door seal structure as claimed in claim 2, wherein said cover member is composed of a door frame garnish which is formed separately from said glass run, and one end edge of said door frame garnish abuts and is  
25 connected to an inner side wall of said glass run, and the other end edge of said door frame garnish is seated in said depression.

10. A door seal structure as claimed in claim 3, wherein said cover member is composed of a door frame garnish which is formed separately from said glass run, and one end edge of said door frame garnish abuts and is  
5 connected to an inner side wall of said glass run, and the other end edge of said door frame garnish is seated in said depression.

11. A door seal structure as claimed in claim 9, wherein said one end edge of said door frame garnish has a flange mounting part for mounting on  
10 said flange.

12. A door seal structure as claimed in claim 10, wherein an inner peripheral end of said protrusion is joined to an inner side wall of said glass run holding part to define a flange, and said one end edge of said door frame  
15 garnish has a flange mounting part for mounting on said flange.

13. A door seal structure as claimed in claim 8, wherein said protrusion has a first depression near said inner side wall of said glass run and a second depression near said protruding wall, said one end edge of said door  
20 frame garnish is seated in said first depression, and abuts and is connected to said inner side wall of said glass run, said the other end edge of said door frame garnish is seated in said second depression, and said door frame garnish is secured to said protrusion by a double-sided adhesive tape.

25 14. A door seal structure as claimed in claim 10, wherein said protrusion has a first depression near said inner side wall of said glass run and

a second depression near said protruding wall, said one end edge of said door frame garnish is seated in said first depression, and abuts and is connected to said inner side wall of said glass run, said the other end edge of said door frame garnish is seated in said second depression, and said door frame garnish is  
5   secured to said protrusion by a double-sided adhesive tape.